

10/562134

JC10 Rec'd PCT/PTO 23 DEC 2005

Abstract

A method for determining the presence of genetic elements such as nucleotide repeats or markers for microbial typing in a nucleic acid sample is based on performing a ligation reaction where after a by-product of the ligation is detected and used to determine the number of nucleotide repeat units in a nucleic acid sample possibly comprising a nucleotide repeat.